

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(375/259-261,267,271,285,295-296,299,365-368).ccls. and (OFDM and affix with ((space near time) or space\$1time) and affix with vector)	US-PGPUB; USPAT	AND	ON	2009/03/26 10:40
L2	0	(375/259-261,267,271,285,295-296,299,365-368).ccls. and (OFDM and (pre\$1fix or post \$1fix) with ((space near time) or space\$1time) and (pre\$1fix or post\$1fix)with vector)	US-PGPUB; USPAT	AND	ON	2009/03/26 10:40
L3	1	(375/259-261,267,271,285,295-296,299,365-368).ccls. and (OFDM and (pre\$1fix or post \$1fix or affix) with ((space near time) or space\$1time) and (pre \$1fix or post\$1fix or affix) with vector).clm.	US-PGPUB; USPAT	AND	ON	2009/03/26 10:41
L4	2	(375/259-261,267,271,285,295-296,299,365-368).ccls. and (OFDM and (pre\$1fix or post \$1fix or affix) with ((space near time) or space\$1time) and (pre \$1fix or post\$1fix or affix) with weight\$3).clm.	US-PGPUB; USPAT	AND	ON	2009/03/26 10:41
L5	3	(375/259-261,267,271,285,295-296,299,365-368).ccls. and (OFDM and (pre\$1fix or post \$1fix or affix) with ((space near time) or space\$1time)).clm.	US-PGPUB; USPAT	AND	ON	2009/03/26 10:42
L6	3	(375/259-261,267,271,285,295-296,299,365-368).ccls. and ((pre\$1fix or post\$1fix or affix) with ((space near time) or space \$1time)).clm.	US-PGPUB; USPAT	AND	ON	2009/03/26 10:42
L7	2	(375/259-261,267,271,285,295-296,299,365-368).ccls. and ((pre\$1fix or post\$1fix or affix) with weight\$3 and channel with (estimat\$3 or response) with (pre\$1fix or post\$1fix or affix)).clm.	US-PGPUB; USPAT	AND	ON	2009/03/26 10:44
L8	4	(375/259-261,267,271,285,295-296,299,365-368).ccls. and ((pre\$1fix or post\$1fix or affix) with weight\$3 and physical with channels with (pre\$1fix or post \$1fix or affix)).clm.	US-PGPUB; USPAT	AND	ON	2009/03/26 10:50

S1	1	"20020041635".pn.	US-PGPUB; USPAT	AND	ON	2008/11/26 18:50
S2	9	((Alexand\$2 WITH (Ribeiro or Dias)) OR (Marc with (De \$1Courville or (de near couville))) with (Markus with Muck)).in.	US-PGPUB; USPAT	AND	ON	2008/11/26 18:54
S3	5	((Alexand\$2 WITH (Ribeiro with Dias)) OR (Marc with (De \$1Courville or (de near couville))) with (Markus with Muck)).in.	US-PGPUB; USPAT	AND	ON	2008/11/26 18:55
S4	5	((Alexand\$2 WITH (Ribeiro with Dias)) OR (Marc with bernard with (De\$1Courville or (de near couville))) with (Markus with Muck)).in.	US-PGPUB; USPAT	AND	ON	2008/11/26 18:55
S5	22931	motorola.as.	US-PGPUB; USPAT	AND	ON	2008/11/26 18:58
S6	1	"20020118771".pn.	US-PGPUB; USPAT	AND	ON	2008/11/26 19:02
S7	1	((prp\$1ofdm\$1 or (prp near ofdm\$1)) or (pseudo near3 post \$1fix with OFDM\$1))	US-PGPUB; USPAT	AND	ON	2008/11/26 19:13
S8	1	((prp\$1ofdm\$1 or (prp near ofdm\$1)) or (pseudo WITH post \$1fix with OFDM\$1))	US-PGPUB; USPAT	AND	ON	2008/11/26 19:13
S9	1	((prp\$1ofdm\$1 or (prp near ofdm\$1)) or (pseudo WITH affix with OFDM\$1))	US-PGPUB; USPAT	AND	ON	2008/11/26 19:13
S10	9	((prp\$1ofdm\$1 or (prp near ofdm\$1)) or (pseudo WITH pre \$1fix with OFDM\$1))	US-PGPUB; USPAT	AND	ON	2008/11/26 19:13
S11	7	((Markus with Muck)).in.	US-PGPUB; USPAT	AND	ON	2008/11/26 19:15
S12	9	(Alexand\$2 with (Dias or ribeiro)).in.	US-PGPUB; USPAT	AND	ON	2008/11/26 19:15
S13	13	(marc with (de\$1courville or (de near courville))).in.	US-PGPUB; USPAT	AND	ON	2008/11/26 19:16
S14	23	S11 or S12 or S13	US-PGPUB; USPAT	AND	ON	2008/11/26 19:17
S15	1	"20020118771".pn.	US-PGPUB; USPAT	AND	ON	2008/11/30 20:04
S16	61	((Alexand\$2 WITH (Ribeiro or Dias)) OR (Marc with (De \$1Courville or (de near couville))) with (Markus with Muck) or (Merouane with Debbah) or (Pierre with Duhamel)).in.	US-PGPUB; USPAT	AND	ON	2008/11/30 20:12

S17	14	((Alexand\$2 WITH (Ribeiro or Dias)) OR (Marc with (De \$1Courville or (de near couville))) with (Markus with Muck) or (Merouane with Debbah) or (Pierre with Duhamel)).in. and cyclic	US-PGPUB; USPAT	AND	ON	2008/11/30 20:12
S18	7	((Markus with Muck)).in.	US-PGPUB; USPAT	AND	ON	2008/11/30 20:13
S19	9	(Alexand\$2 with (Dias or ribeiro)).in.	US-PGPUB; USPAT	AND	ON	2008/11/30 20:13
S20	13	(marc with (de\$1courville or (de near courville))).in.	US-PGPUB; USPAT	AND	ON	2008/11/30 20:13
S21	69	S18 or S19 or S20 or ((Merouane with Debbah) or (Pierre with Duhamel)).in.	US-PGPUB; USPAT	AND	ON	2008/11/30 20:13
S22	31	S18 or S19 or S20 or ((Merouane with Debbah) or (Pierre with Duhamel)).in. and cyclic	US-PGPUB; USPAT	AND	ON	2008/11/30 20:14
S23	23	S18 or S19 or S20 or ((Merouane with Debbah) or (Pierre with Duhamel)).in. and cyclic and guard	US-PGPUB; USPAT	AND	ON	2008/11/30 20:14
S24	23	S18 or S19 or S20 or ((Merouane with Debbah) or (Pierre with Duhamel)).in. and cyclic sam eguard	US-PGPUB; USPAT	AND	ON	2008/11/30 20:15
S25	23	S18 or S19 or S20 or ((Merouane with Debbah) or (Pierre with Duhamel)).in. and cyclic same guard	US-PGPUB; USPAT	AND	ON	2008/11/30 20:15
S26	3	S21 and guard same cyclic	US-PGPUB; USPAT	AND	ON	2008/11/30 20:15
S27	15	S21 and cyclic	US-PGPUB; USPAT	AND	ON	2008/11/30 20:16
S28	9	ofdm\$1 same pseudo with (affix or post\$1fix or pre\$1fix)	US-PGPUB; USPAT	AND	ON	2008/11/30 20:28
S29	6	motorola.as. and (pseudo or training) with (affix or post\$1fix or pre\$1fix)	US-PGPUB; USPAT	AND	ON	2008/11/30 20:31
S30	72	ofdm\$1 same (pseudo or training) with (affix or post\$1fix or pre\$1fix)	US-PGPUB; USPAT	AND	ON	2008/11/30 20:36
S31	140	ofdm\$1 and (pseudo or training) with (affix or post\$1fix or pre\$1fix)	US-PGPUB; USPAT	AND	ON	2008/11/30 20:36

S32	46	ofdm\$1 same (pseudo or training) with (affix or post\$1fix or pre\$1fix) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 20:51
S33	107	ofdm\$1 same (pseudo or training) with (affix or post\$1fix or pre\$1fix or guard) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 20:52
S34	38	((luc with deneire) or (bert with gyselinckx) or (marc with engels))	US-PGPUB; USPAT	AND	ON	2008/11/30 20:59
S35	22	((luc with deneire) or (bert with gyselinckx) or (marc with engels)).in.	US-PGPUB; USPAT	AND	ON	2008/11/30 20:59
S36	4	((luc with deneire) or (bert with gyselinckx) or (marc with engels)).in. and ofdm\$1	US-PGPUB; USPAT	AND	ON	2008/11/30 20:59
S37	5	((luc with deneire) or (bert with gyselinckx) or (marc with engels)) and training with sequenc\$3	US-PGPUB; USPAT	AND	ON	2008/11/30 21:02
S38	88	ofdm\$1 and (pilot or pseudo or training) near2 guard and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 21:18
S39	48	ofdm\$1 same (pilot or pseudo or training) near2 guard and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 21:18
S40	29	ofdm\$1 and (pilot or pseudo or training) with (guard or pre \$1fix or post\$1fix or affix).ab. and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 21:18
S41	17	ofdm\$1 and (training) near2 (pre\$1fix or post\$1fix or affix) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 21:29

S42	2	(ofdm\$1 or dmt) and (training) with replac\$3 with cyclic with (pre\$1fix or post\$1fix or affix) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 21:34
S43	8	("5953311"   "6014412"   "6185251"   "6289045"   "6369758"   "6580761").PN. OR ("6885708").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/30 21:36
S44	1	(ofdm\$1 or dmt) and (pn) with replac\$3 with cyclic with (pre \$1fix or post\$1fix or affix) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 21:41
S45	23	(ofdm\$1 or dmt) and (train\$3) with guard with cyclic and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 21:44
S46	218	(ofdm\$1 or dmt) and (train\$3) with between with symbol\$1 and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 21:50
S47	237	(ofdm\$1 or dmt) and (training or pseudo) with between with symbol\$1 and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 21:50
S48	237	(ofdm\$1 or dmt) and (training or pseudo) with "between" with symbol\$1 and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 21:50
S49	82	(ofdm\$1 or dmt) and (training or pseudo) with "between" with symbol\$1 with time and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 21:50

S50	14	(ofdm\$1 or dmt) and (training or pseudo) with "between" with symbol\$1 with guard and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 21:51
S51	18	(ofdm\$1 or dmt) and replac\$3 with cyclic with (extension or pre\$1fix or post\$1fix or a\$1fix) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 21:56
S52	26	(ofdm\$1 or dmt) and replac\$3 with ((cyclic with (extension or pre\$1fix or post\$1fix or a\$1fix)) or cp or ce) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	OFF	2008/11/30 21:56
S53	5	("20020034264"   "20020122381"   "6449245"   "6487252"   "6567374").PN. OR ("7072289").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/30 22:00
S54	2	(ofdm\$1 or dmt) and (training or pseudo) with versus with ((cyclic with (extension or pre \$1fix or post\$1fix or a\$1fix)) or cp or ce) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 22:19
S55	4	(ofdm\$1 or dmt) and (training or pseudo) with "vs" with ((cyclic with (extension or pre \$1fix or post\$1fix or a\$1fix)) or cp or ce) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 22:19
S56	118	(ofdm\$1 or dmt) and (train\$3 or pilot) with (insert\$3 or includ \$3) with cyclic and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/11/30 22:26
S57	1	"20050005229".pn.	US-PGPUB; USPAT	AND	ON	2008/12/01 12:17

S58	1	"20050195914".pn.	US-PGPUB; USPAT	AND	ON	2008/12/01 14:33
S59	1	"20020126741".pn.	US-PGPUB; USPAT	AND	ON	2008/12/03 21:34
S60	1	"7218666".pn.	US-PGPUB; USPAT	AND	ON	2008/12/03 21:45
S61	15	("5692006"   "5719899"   "5960032"   "6202178"   "6279022"   "6373861"   "6449246"   "6654431"   "6826240"   "6829296"   "7031371"   "7082174").PN. OR ("7218666").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 21:45
S62	18	cyclic with (pre\$1fix or post \$1fix or af\$1ix or redundancy) with weight\$1	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 21:49
S63	100	cyclic with (pre\$1fix or post \$1fix or af\$1ix or redundancy) with pseudo	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 21:54
S64	26	cyclic with (pre\$1fix or post \$1fix or af\$1ix or redundancy) near5 pseudo	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 21:54
S65	86	((cyclic near3 (pre\$1fix or post \$1fix or af\$1ix or redundancy)) or cp) near5 pseudo	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 21:55
S66	34	((cyclic near3 (pre\$1fix or post \$1fix or af\$1ix or redundancy))) near5 pseudo	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 21:55
S67	6	((cyclic near3 (pre\$1fix or post \$1fix or af\$1ix or redundancy))) near5 pseudo and ofdm	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 21:55
S68	6	((cyclic near3 (pre\$1fix or post \$1fix or af\$1ix or redundancy))) near5 pseudo and (ofdm\$1 or cdma)	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 21:56
S69	32	((cyclic near3 (pre\$1fix or post \$1fix or af\$1ix or redundancy))) with pseudo and (ofdm\$1 or cdma)	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 21:58
S70	9	remov\$3 near3 training same ofdm\$1	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 22:03
S71	29	training near5 (pre\$1fix or post \$1fix or affix) same ofdm\$1	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 22:04
S72	81	training near5 (pre\$1fix or post \$1fix or affix) and ofdm\$1	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 22:05

S73	8	("5953311"   "6014412"   "6185251"   "6289045"   "6369758"   "6580761").PN. OR ("6885708").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 22:09
S74	1	"6005876".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 22:20
S75	1	"20040076239".pn.	US-PGPUB; USPAT	AND	ON	2008/12/03 22:26
S76	1	"7072289".pn.	US-PGPUB; USPAT	AND	ON	2008/12/03 23:13
S77	1	"7072289".pn.	US-PGPUB; USPAT	AND	ON	2008/12/04 18:21
S78	47	dft near2 block with symbol	US-PGPUB; USPAT	AND	ON	2008/12/04 18:31
S79	23	dft near2 block with symbol and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/12/04 18:32
S80	1	"20020118771".pn.	US-PGPUB; USPAT	AND	ON	2008/12/04 19:43
S81	1	"7072289".pn.	US-PGPUB; USPAT	AND	ON	2008/12/04 19:58
S82	10	cyclic near rotation with multipl \$4	US-PGPUB; USPAT	AND	ON	2008/12/04 21:37
S83	72	cyclic near2 shift with (multiply \$3 or multipli\$2)	US-PGPUB; USPAT	AND	ON	2008/12/04 21:40
S84	177	space near2 time with (pre\$1fix or post\$1fix or affix)	US-PGPUB; USPAT	AND	ON	2008/12/04 22:17
S85	146	(space near2 time) near3 (pre \$1fix or post\$1fix or affix)	US-PGPUB; USPAT	AND	ON	2008/12/04 22:17
S86	4	(space near2 time) near3 (pre \$1fix or post\$1fix or affix) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/12/04 22:18
S87	20	(space near2 time) with (pre \$1fix or post\$1fix or affix) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/12/04 22:18
S88	2	("20020048333" or "6369758").pn.	US-PGPUB; USPAT	AND	ON	2008/12/04 22:29
S89	32	"qam" near (pilot or pn)	US-PGPUB; USPAT	AND	ON	2008/12/04 22:34
S90	3	affix with multiply\$3	US-PGPUB; USPAT	AND	ON	2008/12/04 22:41



S91	88	pre\$1fix with multiply\$3	US-PGPUB; USPAT	AND	ON	2008/12/04 22:42
S92	22	pre\$1fix near3 multiply\$3	US-PGPUB; USPAT	AND	ON	2008/12/04 22:42
S93	27	pre\$1fix with insert\$3 with (multipl\$3 or multiply\$3) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2008/12/04 22:44
S94	3	((Alexand\$2 WITH (Ribeiro or Dias)) OR (Marc with (De \$1Courville or (de near couville))) with (Markus with Muck) or (Merouane with Debbah) or (Pierre with Duhamel)).in. and (375/259- 261,267,271,285,295- 296,299,365-368).ccls.	US-PGPUB; USPAT	AND	ON	2008/12/04 23:19
S95	356	motorola.as. and (375/259- 261,267,271,285,295- 296,299,365-368).ccls.	US-PGPUB; USPAT	AND	ON	2008/12/04 23:19
S96	104	(training or pseudo) with "between" with symbol\$1 and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828") (375/259- 261,267,271,285,295- 296,299,365-368).ccls.	US-PGPUB; USPAT	AND	ON	2008/12/04 23:20
S97	1	(ofdm\$1 or dmt) and (training) with replac\$3 with cyclic with (pre\$1fix or post\$1fix or affix) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828") (375/259- 261,267,271,285,295- 296,299,365-368).ccls.	US-PGPUB; USPAT	AND	ON	2008/12/04 23:20
S98	68	(training or pseudo) with "between" with symbol\$1 and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828") (375/259- 261,267,271,285,295- 296,299,365-368).ccls. and (ofdm or dmt)	US-PGPUB; USPAT	AND	ON	2008/12/04 23:20
S99	91	motorola.as. and (375/259- 261,267,271,285,295- 296,299,365-368).ccls. and (ofdm or dmt or multi\$1carrier \$1)	US-PGPUB; USPAT	AND	ON	2008/12/04 23:21

S100	4	("20020041635" or "7072289" or "20020118771" or "20030039322").pn.	US-PGPUB; USPAT	AND	ON	2008/12/05 10:16
S101	1	"7450490".pn.	US-PGPUB; USPAT	AND	ON	2009/03/19 11:46
S102	32	stc with (pilot\$1 or training)	US-PGPUB; USPAT	AND	ON	2009/03/19 11:49
S103	63	(stc or stbc) with (pilot\$1 or training)	US-PGPUB; USPAT	AND	ON	2009/03/19 11:49
S104	19	(stc or stbc) with (pilot\$1 or training) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2009/03/19 11:50
S105	37	(stc or stbc) with ((cyclic near (exten\$4 or pre\$1fix or post \$1fix)) or cp) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	ON	2009/03/19 12:36
S106	37	(stc or stbc) with ((cyclic near (exten\$4 or pre\$1fix or post \$1fix)) or cp) and (@ad<"20030828" or @pd<"20030828" or @rlad<"20030828" or @prad<"20030828")	US-PGPUB; USPAT	AND	OFF	2009/03/19 12:36
S107	9	((Alexand\$2 WITH (Ribeiro or Dias)) OR (Marc with (De \$1Courville or (de near couville))) with (Markus with Muck)).in.	US-PGPUB; USPAT	AND	ON	2009/03/19 12:40
S108	2	motorola.as. and (pilot or train \$3 or pre\$1amble or post \$1amble or mid\$1amble or pre \$1fix or post\$1fix) with (stc or stbc or alamouti)	US-PGPUB; USPAT	AND	ON	2009/03/19 12:42

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